

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|--|------------------|
| 4 | 1662 | feedback with "180" | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:29 |
| 5 | 64 | (feedback with "180") and 324/\$.ccls. | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:30 |
| 6 | 22602 | feedback with phase | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:31 |
| 7 | 845 | (feedback with phase) and 324/\$.ccls. | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:32 |
| 8 | 88 | ((feedback with phase) and 324/\$.ccls.) and (eddy adj current) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:31 |
| 9 | 3949 | feedback with phase with shift\$2 | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:34 |
| 10 | 90 | (feedback with phase with shift\$2) and (eddy adj current) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:33 |
| 11 | 40 | ((feedback with phase with shift\$2) and (eddy adj current)) and 324/\$.ccls. | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:32 |
| 12 | 0 | (feedback with phase with shift\$2) and (giant adj magnetoresist\$4) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:34 |
| 13 | 11 | (feedback with phase with shift\$2) and (magnetoresist\$4) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:34 |
| 14 | 0 | feedback and (gaint adj magnetiresist\$4) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:35 |
| 15 | 0 | feedback and (giant adj magnetiresist\$4) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:35 |
| 16 | 162 | feedback and (giant adj magnetoresist\$4) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:35 |
| 17 | 63 | (feedback and (giant adj magnetoresist\$4)) and shift\$3 | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:35 |
| 18 | 39 | ((feedback and (giant adj magnetoresist\$4)) and shift\$3) and phase | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:35 |
| 19 | 39 | ((((feedback and (giant adj magnetoresist\$4)) and shift\$3) and phase) and (phase wit shift\$3) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:35 |
| 20 | 10 | ((((feedback and (giant adj magnetoresist\$4)) and shift\$3) and phase) and (phase with shift\$3) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:40 |
| 21 | 4 | "spatial fourier filtering" | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:43 |
| 22 | 5 | (notch adj filter\$3) and (giant adj magnetoresist\$4) | USPAT; US-PGPUB; DERWENT | 2003/10/08 14:44 |
| 23 | 18 | (notch adj filter\$3) and (magnetoresist\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/08 14:45 |
| - | 216 | 324/235.ccls. | USPAT; JPO | 2003/10/08 08:09 |
| - | 10 | 324/235.ccls. and ((GMR) or (giant adj magnetoresist\$4)) | USPAT; JPO | 2003/01/27 12:00 |

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| - | 0 | (flux adj focus\$3 adj lens) and ((GMR) or (giant adj magnetoresist\$4)) | USPAT; JPO | 2003/02/03 15:35 |
| - | 0 | (flux adj focus\$3 adj lens) and ((GMR) or (giant adj magnetoresist\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/01/27 12:01 |
| - | 0 | (flux with focus\$3 with lens) and ((GMR) or (giant adj magnetoresist\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/01/27 12:02 |
| - | 14 | (flux with focus\$3) and ((GMR) or (giant adj magnetoresist\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/01/27 12:03 |
| - | 29 | (lens with focus\$3) and ((GMR) or (giant adj magnetoresist\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/01/27 12:07 |
| - | 32 | flux adj focus\$3 adj lens | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/03 15:35 |
| - | 165 | feedback and ((giant adj magnetoresist\$4) or GMR) and current | USPAT; JPO | 2003/02/07 14:36 |
| - | 80 | (feedback and ((giant adj magnetoresist\$4) or GMR) and current) and phase | USPAT; JPO | 2003/02/07 14:38 |
| - | 15 | ((feedback and ((giant adj magnetoresist\$4) or GMR) and current) and phase) and (out with phase) | USPAT; JPO | 2003/02/07 14:41 |
| - | 1152 | feedback with (out with phase) | USPAT; JPO | 2003/02/07 14:42 |
| - | 71 | (feedback with (out with phase)) with "180" | USPAT; JPO | 2003/02/07 14:42 |
| - | 13 | ((feedback with (out with phase)) with "180") with frequency | USPAT; JPO | 2003/02/07 14:45 |
| - | 67 | (eddy with current) and (fourier with filter) | USPAT; JPO | 2003/02/07 14:47 |
| - | 0 | ((eddy with current) and (fourier with filter)) and (phase with roate\$2 with amplitude) | USPAT; JPO | 2003/02/07 14:46 |
| - | 1 | ((eddy with current) and (fourier with filter)) and (phase with rotate\$2 with amplitude) | USPAT; JPO | 2003/02/07 14:46 |
| - | 24 | ((eddy with current) and (fourier with filter)) and (low adj pass) | USPAT; JPO | 2003/02/10 09:10 |
| - | 15 | (fourier with two with dimension\$2 with filter with (low adj pass)) | USPAT; EPO; JPO; DERWENT | 2003/02/07 14:53 |
| - | 71 | ((giant adj magnetoresist\$4) or GMR) and die | USPAT; EPO; JPO; DERWENT | 2003/02/07 14:53 |
| - | 33 | ((giant adj magnetoresist\$4) or GMR) and die) and sensor | USPAT; EPO; JPO; DERWENT | 2003/02/07 14:59 |
| - | 0 | ((eddy with current) and (peak with detector)) and "peak to peak" | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:01 |
| - | 0 | "peak to peak" | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:01 |
| - | 255 | (eddy with current) and (peak with detector) | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:08 |
| - | 110 | ((eddy with current) and (peak with detector)) and (324/\$).ccls. | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:04 |
| - | 0 | peak with to with detector | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:04 |
| - | 15457 | peak near2 detector | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:04 |

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| - | 181 | (peak near2 detector) and (eddy adj current) | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:04 |
| - | 77 | ((peak near2 detector) and (eddy adj current)) and (324/\$).ccls. | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:05 |
| - | 279 | (eddy with current) and (data with array) | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:08 |
| - | 22 | ((eddy with current) and (data with array)) and (array with width) | USPAT; EPO; JPO; DERWENT | 2003/02/07 15:09 |
| - | 29 | ((eddy with current) and (fourier with filter\$3)) and (low adj pass) | USPAT; JPO | 2003/02/10 09:22 |
| - | 392 | fourier with filter\$3 with (low adj pass) | USPAT | 2003/02/10 09:23 |
| - | 42 | (fourier with filter\$3 with (low adj pass)) and (324/\$).ccls. | USPAT | 2003/02/10 09:23 |
| - | 225 | (324/235).CCLS. | USPAT; US-PGPUB; DERWENT | 2003/10/06 09:40 |
| - | 2795 | (324/228-242).CCLS. | USPAT; US-PGPUB; DERWENT | 2003/10/06 09:40 |
| - | 1 | ((324/235).CCLS.) and (flux adj focusing) | USPAT | 2003/10/06 09:41 |
| - | 6 | ((324/235).CCLS.) and (lens) | USPAT | 2003/10/06 09:41 |
| - | 1 | ((324/235).CCLS.) and (self adj nulling) | USPAT | 2003/10/06 09:42 |
| - | 31 | (flux adj focus\$4) and (324/\$).ccls. | USPAT | 2003/10/06 09:44 |
| - | 2 | ((flux adj focus\$4) and (324/\$).ccls.) and GMR | USPAT | 2003/10/06 09:44 |
| - | 3498 | (324/228-242,252).CCLS. | USPAT; US-PGPUB; DERWENT | 2003/10/07 15:42 |
| - | 4 | ((324/228-242,252).CCLS.) and ((giant adj magnetoresist\$4) same (eddy adj current)) | USPAT; US-PGPUB; DERWENT | 2003/10/07 15:50 |
| - | 199 | ((324/228-242,252).CCLS.) and (eddy adj current) and feedback | USPAT; US-PGPUB; DERWENT | 2003/10/07 15:50 |
| - | 12 | ((324/228-242,252).CCLS.) and (eddy adj current) and (feedback adj coil) | USPAT; US-PGPUB; DERWENT | 2003/10/07 15:50 |
| - | 11 | ((GMR) or (giant adj magnetoresist\$4)) same (feed back adj (coil or wire)) | USPAT | 2003/10/08 08:10 |
| - | 1 | ((GMR) or (giant adj magnetoresist\$4)) same (feedback adj (coil or wire)) | USPAT | 2003/10/08 08:10 |
| - | 9 | ((GMR) or (giant adj magnetoresist\$4)) and (feedback adj (coil or wire)) | USPAT | 2003/10/08 08:29 |
| - | 22 | ("2790140" "2965840" "3229197" "3427872" "3495166" "3532969" "3662576" "4207519" "4234848" "4437062" "4651093" "4689558" "4788499" "4799010" "4821204" "4855677" "5021738" "5028100" "5053705" "5115196" "5202623" "5432444").PN. | USPAT | 2003/10/08 08:41 |
| - | 8 | 5617024.URPN. | USPAT | 2003/10/08 08:43 |
| - | 5 | 5648721.URPN. | USPAT | 2003/10/08 08:44 |
| - | 9 | ("2790140" "2965840" "3109139" "3229197" "3449664" "4734642" "5191286" "5399968" "5432444").PN. | USPAT | 2003/10/08 08:44 |
| - | 88 | 336/\$.ccls. and ((focus\$3) and tub\$4) | USPAT | 2003/10/08 09:54 |
| - | 133849 | 324/\$.ccls.((focus\$3) and tub\$4) | USPAT | 2003/10/08 09:54 |
| - | 868 | 324/\$.ccls. and ((focus\$3) and tub\$4) | USPAT | 2003/10/08 09:58 |
| - | 4 | 324/\$.ccls. and ((focus\$3) same ((giant adj magnetoresist\$4) or GMR)) | USPAT | 2003/10/08 09:59 |